

APPARATUS AND METHOD FOR WIRELESS  
COUPLING OF INTEGRATED CIRCUIT CHIPS

**Abstract of the Invention**

In order to overcome the limitation of the integrated circuit chip inter-connectability resulting from the physical dimensions of the leads, a radio frequency transmitter and/or a radio frequency receiver are included  
5 in the integrated circuit chip. Logic signal groups from one integrated circuit chip can be encoded by the modulation on the radio frequency signal and received and decoded by a second integrated circuit chip. The  
10 transmitted signal groups can be transmitted in a series format or in a parallel format. Either amplitude or frequency modulation can be used to impose information on the carrier frequency.